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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		ATTORNEY'S DOCKET NUMBER 703538.4015
INTERNATIONAL APPLICATION NO. PCT/US2003/023424		U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 10/519171
INTERNATIONAL FILING DATE	PRIORITY DATE CLAIMED	
25 July 2003		26 July 2002
TITLE OF INVENTION DROPLET GENERATION BY TRANSVERSE DISTURBANCES		
APPLICANT(S) FOR DO/EO/US Melissa ORME-MARMERELIS, Robert F. SMITH		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<ol style="list-style-type: none"> 1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. 3. <input type="checkbox"/> This express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. 4. <input checked="" type="checkbox"/> The US has been elected (Article 31). 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <ol style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto (required only if not transmitted by the International Bureau). b. <input type="checkbox"/> has been communicated by the International Bureau. c. <input checked="" type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)) <ol style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 37 U.S.C. 154(d)(4). 7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <ol style="list-style-type: none"> a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input checked="" type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). 		
Items 11 to 20 below concern document(s) or information included:		
<ol style="list-style-type: none"> 11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98. 12. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. 3.28 and 3.31. An assignment of the invention to: _____ <u>The Regents of the University of California</u> 13. <input type="checkbox"/> A preliminary amendment. 14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76. 15. <input type="checkbox"/> A substitute specification. 16. <input type="checkbox"/> A change of power of attorney and/or change of address letter. 17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 – 1.825. 18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4). 19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S. C. 154(d)(4). 20. <input type="checkbox"/> Other items of information: 		

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 USC 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450

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U.S. APPLICATION NO. (if known) see 37 CFR 1.6		INTERNATIONAL APPLICATION NO. PCT/US2003/023424		ATTORNEY'S DOCKET NUMBER 703538.4015	
21. The following fees are submitted:				Applicant use	Office use only
<input checked="" type="checkbox"/> a) Basic national fee \$300.00 <input checked="" type="checkbox"/> b) Examination fee \$200.00 <input checked="" type="checkbox"/> c) Search fee \$500.00				300.00	
TOTAL OF ABOUT CALCULATIONS: \$1000.00				500.00	
<input checked="" type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee for each additional 50 sheets of paper or fraction thereof.				1000.00	
Total Sheets	Extra Sheets	Number of Additional 50 or fraction thereof (round up to a whole number)		RATE	
- 100 =	/50 =			x \$250.00	
Surcharge of \$130 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).					
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	18 - 20 =	0	x \$50.00 0		
Independent claims	3 - 3 =	0	x \$200.00 0		
MULTIPLE DEPENDENT CLAIM(S) (if applicable)				+\$360.00 0	
TOTAL OF ABOVE CALCULATIONS =				1000.00	
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				500.00	
				SUBTOTAL =	500.00
Processing fee of \$130 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				+ 0	
				TOTAL NATIONAL FEE =	500.00
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property				+ 40.00	
				TOTAL FEES ENCLOSED =	540.00
				Amount to be Refunded: \$	
				Charged: \$	
a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed.					
b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. 15-0665 in the amount of \$ 540.00 to cover the above fees. A duplicate copy of this sheet is enclosed.					
c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayments to Deposit Account No. 15-0665. A duplicate copy of this sheet is enclosed.					
d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may be come public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.					
NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.					
SEND ALL CORRESPONDENCE TO: Customer Number. 34313					
Orrick Herrington & Sutcliffe, LLP 4 Park Plaza, Suite 1600 Irvine, CA 92614 Tel: 949-567-6700 Fax: 949-567-6710					
 SIGNATURE: Kenneth S. Roberts NAME: Kenneth S. Roberts REGISTRATION NUMBER: 38283					

10/519171
DT05 Rec'd PCT/PTO 20 DEC 2004

THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A FILING UNDER 35 U.S.C. 371

CERTIFICATE OF MAILING		To:
Applicant's or agent's file reference: 703538.4015		Commissioner for Patents Mail Stop PCT P.O. Box 1450 Alexandria, VA 22313-1450 Facsimile (703) 305-3230
International application No. (if known) PCT/US2003/023424	International Filing date (day/month/year) (if known) 25 July 2003	(Earliest) Priority date (day/month/year) 26 July 2002
U.S. Application No (if known)		U.S. Filing date (day/month/year)(if known)
Applicant Orme-Marmerelis et al.		
Title of invention DROPLET GENERATION BY TRANSVERSE DISTURBANCES		

Sir:

Date of Deposit: December 20, 2004

Express Mail Label No. EV450407645US

I hereby certify that these papers and fee(s) are being deposited with the United States Postal Service on the date indicated above, as Express Mail, in an envelope addressed to Commissioner for Patents, Mail Stop PCT, PO Box 1450, Alexandria, VA 22313-1450:

1. Transmittal Letter to the US Designated/Elected Office Concerning a filing under 37 USC 371 (2 pages)
2. Declaration (2 pages)
3. General Power of Attorney
4. Statement Under 37 CFR 3.73(B)
5. Assignment Coversheet
6. Assignment Document
7. Information Disclosure Statement Transmittal
8. IDS – form 1449

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